# Case 23-50437-JTD Doc 24 Filed 10/25/23 Page 1 of 16

FTX Trading Ltd.

ASC 805 Purchase Price Allocation of Digital Assets DA AG Net Working Capital

As of November 14, 2021

Schedule 7 (\$US in Thousands)

Company of the Company	No	As of vember 14							ed Financial ecember 31						
		2021	20	21	2022		2023	2024	2025	2026		2027	2028	2029	Residual
Total Revenue	\$	11,892	11,89	2 \$	56,411	\$	62,052 \$	80,667	\$ 121,001	\$ 205,701	5 2	257,127	\$ 282,839	\$ 296,981	\$ 305,891
Accounts Receivable		9,112													
Other Current Assets		4,415													
Cash-Free Current Assets		13,528													
Accounts Payable		621													
Other Current Liabilities		541													
Debt-Free Current Liabilities		1,161													
Net Working Capital		12,366	64	1	3,043		3,347	4,351	6,527	11,096		13,870	15,257	16,019	16,500
Net Working Capital % of Revenue		104.0%	5.4	1%	5.4%	j.	5.4%	5.4%	5.4%	5.4%		5.4%	5.4%	5.4%	5.4%
Changes in Net Working Capital			854		2,401		304	1,004	2,176	4,569		2,774	1,387	763	481

2) Guideline Public Company	TTM
ADVFN Plc	-12.6%
Robinhood Markets, Inc.	-113.6%
Coinbase Global, Inc.	5.3%
Voyager Digital Ltd.	3.5%
The Charles Schwab Corporation	NM
E*TRADE Financial, LLC	-136.0%
Interactive Brokers Group, Inc.	NM
Nasdag, Inc.	0.5%
Euronext N.V.	-8.7%
Intercontinental Exchange, Inc.	12.3%
Hong Kong Exchanges and Clearing Limited	NM
Digital Assets DA AG	104.0%
Maximum	12.3%
Third Quartile	4.0%
Average	-31.2%
Median	-4.1%
First Quartile	-37.8%
Minimum	-136.0%
3) Selected	5.4%
Normalized Net Working Capital	641
Actual Net Working Capital	12,366
Net Working Capital Surplus/(Deficit)	\$ 11,725

# Footnotes

- (1) Historical and projected financial data provided by Management. Refer to Schedule 3 and Schedule 4.
- (2) Source: S&P Capital IQ.
- (3) Based on the net working capital that approximates the entities deemed most similar to the Subject Company. Definitions: DFCFNWC - Debt Free, Cash Free Net Working Capital, FYE - Fiscal Year End

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FTX Trading Ltd.

ASC 805 Purchase Price Allocation of Digital Assets DA AG

Tax Depreciation Calculation

Schedule 8

(SUS in Thousands)

As of November 14, 2021

 (1) Net Fixed Assets
 \$ 417

 (1) Non-Depreciable Assets

 Existing Fixed Assets
 \$ 417

Revenue	\$	2021 11,892 \$	2022		2023	2024	/E Decen						
Revenue	\$				2023	2024							
Revenue	\$	11,892 \$	22.172			2024		2025	2026		2027	2028	202
			56,411	\$ 62	2,052 \$	80,667	121	,001 \$	205,701	\$	257,127 \$	282,839 \$	296,981
Capital Expenditures													
Total Capital Expenditures Percentage Bonus Depreciation		119 100.0%	564 100.0%		621 80.0%	807 60.0%		,210 Ю.0%	2,057 20.0%	ě	2,571 0.0%	2,828 0.0%	2,970
Capital Expenditures - Eligible for Bonus Depreciation		119	564		496	484		484	411		-	0.0%	0.0
Capital Expenditures - Not Eligble for Bonus Depreciation	n	-	-		124	323		726	1,646		2,571	2,828	2,970
Existing Fixed Assets	Aver	age Life 5	Weight 100.0%	Depreciati	ion Method								
Capital Expenditures		5		MACRS DB	s-SL								
Depreciation Rates													
Existing Fixed Assets		20.0%	32.0%	6	19.2%	11.5%	8	1.5%	5.8%		<b>7</b> €0		
Capital Expenditures		20.0%	32.0%	6	19.2%	11.5%	98	1.5%	5.8%	5	20		
Depreciation Existing Fixed Assets		83	133		80	48		48	24				
1 Command of Command C													
Capital Expenditures	1	4	4		-	747		ü	ži.				
	2		*		(*)	(4)		•	•		150		
	3				25	40		24	14		14	7	
	4					65		103	62		37	37	19
	5							145	232		139	84	8-
	6								329		527	316	190
	7										514	823	49
	8											566	905 594
Total Depreciation	\$	202 \$	698	\$	601 \$	636 \$		804 \$	1,073	\$	1,232 \$	1,832 \$	2,28
Makensa wa differentiasa attracego													
Fixed Asset Level		1247	334		200	240		390	705		4 770	2.440	
Beginning Fixed Assets		417 (202)			200	219 (636)		390 (804)	795		1,779	3,119	4,115
Depreciation Capital Expenditures		119	(698) 564		(601) 621	807		,210	(1,073) 2,057		(1,232) 2,571	(1,832) 2,828	(2,285 2,970
Ending Fixed Assets		334	200		219	390		795	1,779		3,119	4,115	4,800
Elidlig Fixed Assets		334				370			1,779		3,117	4,115	4,800
% of Revenue Fixed Asset Turnover		1.7% 35.7	1.29 281.9		1.0% 282.9	0.8% 207.0	ū	0.7% 52.1	0.5% 115.6	5	0.5% 82.4	0.6% 68.7	0.8 61.

#### Footnotes

<sup>(1)</sup> Refer to Schedule 4.

<sup>(2)</sup> Refer to Schedule 3.

ASC 805 Purchase Price Allocation of Digital Assets DA AG Income Approach - Relief from Royalty Method Trade Names and Trademarks As of November 14, 2021 Schedule 9 (\$US in Thousands)

Special Control of the Control			Projected FYE Dece				
	2021	2022	2023	mbe	2024	2025	2026
(1) Revenue	\$ 11,892	\$ 56,411	\$ 62,052	\$	80,667	\$ 121,001	\$ 205,701
Percent of Revenue Attributable to TNs & TMs	100.0%	100.0%	100.0%		100.0%	100.0%	100.0%
Adjusted Revenue	11,892	56,411	62,052		80,667	121,001	205,701
Revenue Growth		374.4%	10.0%		30.0%	50.0%	70.0%
(2) Relief from Gross Royalty @ 0.75%	89	423	465		605	908	1,543
Less: Taxes @ 12.0%	11	51	56		73	109	185
After-Tax Royalty Savings	78	372	410		532	799	1,358
Partial Period Adjustment	0.13						
Present Value Period	0.06	0.63	1.63		2,63	3.63	4.63
Present Value Factor @ 37.5%	0.980	0.819	0.595		0.433	0.315	0.229
Present Value of Cash Flow	\$ 10	\$ 305	\$ 244	\$	231	\$ 251	\$ 311
Sum of Present Value of Cash Flows	1,351						
(3) Tax Amortization Benefit	34						
Fair Value of Trade Names and Trademarks	\$ 1,400						

	Assumptions	
(2)	TNs & TMs Royalty Rate	0.75%
	Tax Rate	12.0%
	TNs & TMs Discount Rate	37.5%
(4)	Estimated Remaining Economic Life	6 yrs

### Footnotes

- (1) Based on projections provided by Management.
- (2) The selected royalty rate of 75bps was based on discussions with Management regarding the intentions to co-brand the existing name with FTX Europe and an independent review of comparable royalty agreements. See Schedule 10 for more details.
- (3) Based on Section 197 tax amortization benefits factor.
- (4) Estimated remaining economic life based on discussions with Management. Definitions: FYE - Fiscal Year End

ASC 805 Purchase Price Allocation of Digital Assets DA AG Comparable Royalty Rates As of November 14, 2021 Schedule 10

Year	Licensee	Licensee Business	Licensor	Licensor Business	Licensed Asset	Royalty Ran		Source
2017	EnTrust Capital		Legg Mason, Inc.	Global Asset Management	Entrust Permal tradename, acquired during the acquisition of EnTrust Capital on May 2, 2016. On May 2, 2016, Legg Mason acquired EnTrust Capital ("EnTrust") and combined it with The Permal Group, Ltd. ("Permal"), Legg Mason's existing hedge fund platform, to form EnTrustPermal. EnTrust, an alternative asset management firm headquartered in New York, had \$9,600,000 in assets under management ("AUM") and approximately \$2,000,000 in assets under advisement and committed capital at closing, and largely complementary investment strategies, investor base, and business mix to Permal.	1.5%	1.5%	Legg Mason, Inc. 2017 10-K Report
2017	Rare Infrastructure	Rare Infrastructure specializes in global listed infrastructure security investing and is headquartered in Sidney, Australia	Legg Mason, Inc.	Global Asset Management	RARE Infrastructure tradename acquired on October 21, 2015. At this date, Legg Mason acquired a majority equity interest in RARE Infrastructure Limited ("RARE Infrastructure"). RARE Infrastructure specializes in global listed infrastructure security investing, is headquartered in Sydney, Australia, and had approximately 6,800,000 in AUM at the closing of the transaction. Under the terms of the related transaction agreements, Legg Mason acquired a 75% ownership interest in the firm,	1.0%	1.0%	Legg Mason, Inc. 2017 10-K Report
2020	LM Capital Solutions, LLC	Merchant Cash Advance operations.	CCUR Holdings, Inc.	Merchant cash advance and real estate operations	The tradenmae of LuxeMark, acquired on February 13, 2019	1.5%	1.5%	CCUR Holdings, Inc 2020 10-K Report
2017	NorthStar Asset Management Group, Inc.	Real estate focused asset management firm	Colony Capital, Inc.	Global investment management firm with approximately \$43 billion in asset under management	The trade name of NorthStar Asset Management, which was acquired on January 10, 2017	1.5%	1.5%	Colony Capital, Inc 2017 10-K Report
2016	Tonswend Investment Management	Investment management	Colony Capital, Inc.	Global investment management firm with approximately \$43 billion in asset under management	Through its subsidiary, NorthStar Asset Management Group, Inc., the Townsend tradename was acquired in January 2016	2.0%	2.0%	Colony Capital, Inc 2017 10-K Report
2017	CEMP	Tennessee limited liability company and rules-based index investment manager offering mutual fund and ETF products	Victory Capital Holdings, Inc.	Investment management firm	The CEMP tradename acquired on November 26, 2017	1.0%	1.0%	Victory Capital Holdings, Inc. 201 10-K Report
2010	Farm Bureau Mutual Holding Company and Other Farm Bureau Entities		Farm Bureau Federation		The Licensor, a non-profit organization, hereby grants to Insurance Companies an exclusive License to use the Marks only in the territory and only in connection with the Products, subject to revocation by the Licensor Board of Directors.	0.6%	3.0%	RoyaltySource Intellectual Proper Database
2015	Nodak Mutual Group Inc.; NI Holdings, Inc.		North Dakota Farm Bureau		Licensor, non-profit organization, hereby grants to Licensee a nonexclusive, nontransferable license to use, copy and incorporate the name Farm Bureau and logo "FB" and any trademarks associated with these marks to market Licensee products, including insurance products.  Licensee agrees to use the Farm Bureau name and associated trademarks in a manner consistent with the marketing of insurance products and shall display the Farm	1.3%	1.3%	RoyaltySource Intellectual Proper Database
					Maximum	2.0%	3.09	6
					Third Quartile	1.5%	1.69	
					Average	1.3%	1.69	6
					Median	1.4%	1.59	
					First Quartile Minimum	1.0% 0.6%	1.09	

### Footnotes

This schedule has been prepared on the basis of the information and assumptions set forth in our report and the attached schedules. It must be read in conjunction with the accompanying report and all the other exhibits included herein. Some totals may not add due to rounding.

<sup>(1)</sup> The selected royalty rate of 75bps was based on discussions with Management regarding the intentions to co-brand the existing name with FTX Europe and an independent review of comparable royalty agreements.

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FTX Trading Ltd. ASC 805 Purchase Price Allocation of Digital Assets DA AG Income Approach - Multi-Period Excess Earnings Model Operating Licenses
As of November 14, 2021

Schedule 11 (SUS in Thousands)

											Projected   FYE Dece										
		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	20
Total Revenue		\$ 11,892	W. 1170-000 District	\$ 62,052	\$ 80,667	\$ 121,001	\$ 205,701	4 211,012	\$ 218,229	\$ 224,775	\$ 231,519	\$ 238,464	\$ 245,618	\$ 252,987		\$ 268,394	\$ 276,445	\$ 284,739		\$ 302,079	\$ 311,1
Growth			374.4%	10.0%	30.0%	50.0%	70.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	
Probability of Compliance	99.0%	99.9%	98.9%	97.9%	96.9%	95.9%	95.0%	94.0%	93.1%	92.2%	91.2%	90.3%	89.4%		87.6%	86.8%	85.9%	85.0%	84.2%	83.3%	
Revenue Attributable to Operating Licenses		11,876	55,775	60,739	78,171	116,083	195,368	199,217	203,141	207,143	211,224	215,385	219,628	223,955	228,367	232,866	237,453	242,131	246,901	251,765	256,7
Cost of Goods Sold		3,413	3,914	4,263	4,642	5,055	5,505	5,613	5,724	5,837	5,952	6,069	6,189	6,311	6,435	6,562	6,691	6,823	6,957	7,094	7,
Gross Profit		8,463	51,860	56,476	73,529	111,028	189,863	193,603	197,417	201,307	205,272	209,316	213,440	217,644	221,932	226,304	230,762	235,308	239,944	244,671	249,4
Gross Margin		71.3%	93.0%	93.0%	94.1%	95.6%	97.2%	97.2%	97.2%	97.2%	97.2%	97.2%	97.2%	97.2%	97.2%	97.2%	97.2%	97.2%	97.2%	97.2%	97
Operating Expenses (excluding depreciation)		832	5,588	6,086	7,832	11,631	19,575	19,961	20,354	20,755	21,164	21,581	22,006	22,440	22,882	23,333	23,792	24,261	24,739	25,226	25,
EBITDA		7,631	46,272	50,390	65,696	99,397	170,288	173,642	177,063	180,551	184,108	187,735	191,434	195,205	199,050	202,972	206,970	211,047	215,205	219,445	223,
EBITDA Margin		64.3%	83.0%	83.0%	84.0%	85.6%	87.2%	87.2%	87.2%	87.2%	87.2%	87.2%	87.2%	87.2%	87.2%	87.2%	87.2%	87.2%	87.2%	87.2%	83
Less: Tax Depreciation		202	690	589	617	772	1,019	1,039	1,060	1,081	1,102	1,124	1,146	1,168	1,191	1,215	1,239	1,263	1,288	1,313	1,
Pre-tax Income		7,429	45,582	49,802	65,080	98,625	169,269	172,603	176,003	179,471	183,006	186,612	190,288	194,036	197,859	201,757	205,731	209,784	213,917	218,131	222,
Tax Expense		891	5,470	5,976	7,810	11,835	20,312	20,712	21,120	21,536	21,961	22,393	22,835	23,284	23,743	24,211	24,688	25,174	25,670	26,176	26
Net Income		6,538	40,112	43,825	57,270	86,790	148,956	151,891	154,883	157,934	161,046	164,218	167,453	170,752	174,116	177,546	181,044	184,610	188,247	191,955	195,7
Plus: Tax Depreciation		202	690	589	617	772	1,019	1,039	1,060	1,081	1,102	1,124	1,146	1,168	1,191	1,215	1,239	1,263	1,288	1,313	1,
Gross Cash Flow		6,740	40,802	44,414	57,887	87,562	149,976	152,930	155,943	159,015	162,147	165,342	168,599	171,920	175,307	178,761	182,282	185,873	189,535	193,269	197,0
Contributory Asset Charges																					
Normalized Net Working Capital		45	211	229	295	438	738	752	767	782	798	813	829	846	862	879	897	914	932	951	
Return ON Fixed Assets		45	80	108	137	183	281	269	336	459	468	477	487	496	506	516	526	537	547	558	
Return OF Fixed Assets		107	218	337	490	717	999	1,616	1,202	809	825	841	858	874	892	909	927	945	964	983	1
Trade Names		78	368	401	516	766	1,289	1,315	1,341	1,367	1,394	1,422	1,450	1,478	1,507	1,537	1,567	1,598	1,630	1,662	1
Assembled Workforce		3,397	15,952	17,372	22,358	33,202	55,879	56,979	58,102	59,247	60,414	61,604	62,817	64,055	65,317	66,604	67,916	69,254	70,618	72,009	73
Net Cash Flow Attributable to Operating Licenses		3,068	23,973	25,967	34,090	52,256	90,790	91,999	94,195	96,351	98,249	100,185	102,158	104,171	106,223	108,316	110,449	112,625	114,844	117,106	119
Partial Period Adjustment		0.13																			
Present Value Period		0.06	0.63	1.63	2.63	3.63	4.63	5.63	6.63	7.63	8.63	9.63	10.63	11.63	12.63	13.63	14.63	15.63	16.63	17.63	1
Present Value Factor @ 37.5%		0.980	0.819	0.595	0.433	0.315	0.229	0.167	0.121	0.088	0.064	0.047	0.034	0.025	0.018	0.013	0.009	0.007	0.005	0.004	0
Present Value of Cash Flow		387	19,623	15,459	14,760	16,454	20,791	15,322	11,409	8,488	6,294	4,668	3,462	2,567	1,904	1,412	1,047	777	576	427	
Present Value of Cash Flows	146,144																				
Tax Amortization Benefit	3,717																				
Fair Value of Operating Licenses	149,900																				

Tax Rate

Footnotes
This schedule has been prepared on the basis of the information and assumptions set forth in our report and the attached schedules. It must be read in conjunction with the accompanying report and all the other exhibits included herein. Some totals may not add due to rounding.

Probability of Non-Compliance with Regulatory Requirements

1.0%

12.0% 37.5%

<sup>(1)</sup> Management provided the annual probability for non compliance with European and Middle Eastern regulatory bodies.

EBITDA margins based off of projections provided by Management.
 Based on an income tax rate of 12.0 percent.

<sup>(4)</sup> Represents economic charge for the use of other existing business assets that contribute to overall cash flow. Definitions: TTM - Trailing Twelve Months, EBITDA - Earnings Before Interest, Taxes, Depreciation, and Amortization, FYE - Fiscal Year End

FTX Trading Ltd.

ASC 805 Purchase Price Allocation of Digital Assets DA AG Income Approach - Multi-Period Excess Earnings Model Contributory Asset Charges As of November 14, 2021 Schedule 12 (\$US in Thousands)

the state of the s		100000							
			Required						
			Rate of	After-Tax	After-Tax				Capital
		Indicated Ret	turn (After	Capital	Charge	After-Tax			Charge
Asset	F	air Value	Tax)	Charge	(% of Rev)	Royalty Rate	TTN	A Revenue	Selected
Normalized Net Working Capital		641	7.0%	45	0.4%				0.4%
Fixed Assets		417	10.5%	44	0.4%				0.4%
Trade Names		1,400	37.5%	525	4.4%	0.7%			0.7%
Assembled Workforce		9,070	37.5%	3,401	28.6%				28.6%
Total	\$	11,528					\$	11,892	30.0%

		- ""				ted Financi		TOTAL S			
					E D	December 3	1_				
	2021	2022	2023	2024		2025		2026	2027	2028	2029
Total Company Revenue	\$ 11,892	\$ 56,411	\$ 62,052	\$ 80,667	\$	121,001	\$	205,701	\$ 257,127	\$ 282,839	\$ 296,981
Net Working Capital											
Starting Net Working Capital	641	641	3,043	3,347		4,351		6,527	11,096	13,870	15,257
Changes In New Working Capital		2,401	304	1,004		2,176		4,569	2,774	1,387	763
Ending Net Working Capital	641	3,043	3,347	4,351		6,527		11,096	13,870	15,257	16,019
Return ON Net Working Capital	45	213	234	305		457		777	971	1,068	1,121
Return as % of Revenue	0.4%	0.4%	0.4%	0.4%		0.4%		0.4%	0.4%	0.4%	0.4%
Fixed Assets											
Starting Fixed Assets	417	429	773	1,049		1,350		1,813	2,818	3,304	4,459
Capital Expenditures	119	564	621	807		1,210		2,057	2,571	2,828	2,970
Economic Depreciation	107	220	344	505		747		1,052	2,085	1,674	1,160
Net Fixed Assets	\$ 429	\$ 773	\$ 1,049	\$ 1,350	\$	1,813	\$	2,818	\$ 3,304	\$ 4,459	\$ 6,269
Return ON Fixed Assets	45	81	110	142		190		296	347	468	658
Return as % of Revenue	0.4%	0.1%	0.2%	0.2%		0.2%		0.1%	0.1%	0.2%	0.2%
Return OF Fixed Assets	107	220	344	505		747		1,052	2,085	1,674	1,160
Return as % of Revenue	0.9%	0.4%	0.6%	0.6%		0.6%		0.5%	0.8%	0.6%	0.4%

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FTX Trading Ltd.

ASC 805 Purchase Price Allocation of Digital Assets DA AG

Economic Depreciation Calculation

As of November 14, 2021

Schedule 13

(\$US in Thousands)

(1) Net Fixed Assets \$ 417 (1) Non-Depreciable Assets - Existing Fixed Assets \$ 417

B. A CHEST NEW								Financia ember 31			1000	H <sub>a</sub> re
		2021	2022	. 20	23	2024		2025	2026	2027	2028	202
) Revenue ) Capital Expenditures	\$	11,892 \$ 119	56,411 564	\$ 62,05 62	52 \$ :1	80,667 \$ 807		121,001 1,210	\$ 205,701 2,057	\$ 257,127 2,571	\$ 282,839 2,828	\$ 296,981 2,970
Existing Fixed Asset	Avera	age Life 5	Weight 100.0%	Depreciation Straight Line	Method							
Capital Expenditures		5		Straight Line								
Depreciation Rates												
Existing Fixed Asset Capital Expenditures		20.0% 20.0%	20.09 20.09			20.0% 20.0%		20.0% 20.0%	-	-	:	
Depreciation												
Existing Fixed Asset		83	83	8	3	83		83				
Capital Expenditures												
	1	24	24		4	24		24				
	2		113			113		113	113			
	3			12	.4	124		124	124	124		
	4					161		161	161	161	161	
	5							242	242	242	242	24
	6								411	411	411	41
	7									514	514	51
	8										566	56
	9											59
Total Depreciation	\$	107 \$	220	\$ 34	4 \$	505	;	747	\$ 1,052	\$ 1,453	\$ 1,895	\$ 2,32
Fixed Asset Level												
Beginning Fixed Assets		417	429	77	3	1,049		1,350	1,813	2,818	3,937	4,87
Depreciation		(107)	(220	(34	14)	(505)		(747)	(1,052)	(1,453)	(1,895)	(2,32
Capital Expenditures		119	564	62	11	807		1,210	2,057	2,571	2,828	2,97
Ending Fixed Assets		429	773	1,04	19	1,350		1,813	2,818	3,937	4,870	5,51
% of Revenue		0.9%	0.49	. O.	6%	0.6%		0.6%	0.5%	0.6%	0.7%	0.8
Fixed Asset Turnover		28	73	!	9	60		67	73	65	58	5-

#### Footnotes

<sup>(1)</sup> Refer to Schedule 4.

<sup>(2)</sup> Refer to Schedule 3.

ASC 805 Purchase Price Allocation of Digital Assets DA AG Income Approach - Multi-Period Excess Earnings Model Assembled Workforce As of November 14, 2021 Schedule 14 (\$US in Actuals)

	Number of	Average Base	Average Estimated	Average Estimated	Average	Average Estimated	Avoided Recruiting/
1) Position/ Category	Employees	Salary	Recruiting Cost	Training Cost	Recruiting Cost	Training Cost	Training Cost
Member of the BoD FTX Europe AG	1	350,000	100.0%	0.0%	350,000		350,000
Head of MENA, M.H.	1	500,000	100.0%	0.0%	500,000		500,000
Head of Europe	1	500,000	100.0%	0.0%	500,000	1122	500,000
Head of Legal Europe	1	500,000	100.0%	0.0%	500,000	N.T.	500,000
Legal Counsel	1	300,000	100.0%	0.0%	300,000	5 <del>7</del> 2	300,000
CFO, FTX Europe AG	1	170,000	100.0%	0.0%	170,000	320	170,000
COO, FTX Trading GmbH	1	60,000	35.0%	0.0%	21,000	V <u>a</u>	21,000
Head of Administration	1	60,000	25.0%	0.0%	15,000	te.	15,000
K-DNA FS Services Ltd., Staff incl. CEO	12	1,200,000	25.0%	5.0%	300,000	60,000	360,000
Total	20						

		Average Starting	Average Months to Full	Avoided Productivity	Total Avoided Costs Per	Total Avoided
Position/ Category	Benefit Load	Efficiency	Productivity	Costs	Person	Costs
Member of the BoD FTX Europe AG	200.0%	100%	0		350,000	350,000
Head of MENA, M.H.	100.0%	100%	0	•	500,000	500,000
Head of Europe	100.0%	100%	0	8	500,000	500,000
Head of Legal Europe	100.0%	100%	0		500,000	500,000
Legal Counsel	33.0%	100%	0		300,000	300,000
CFO, FTX Europe AG	33.0%	100%	0	-	170,000	170,000
COO, FTX Trading GmbH	100.0%	100%	0	8	21,000	21,000
Head of Administration	33.0%	100%	0		15,000	15,000
K-DNA FS Services Ltd., Staff incl. CEO	33.0%	50%	6	199,500	559,500	6,714,000
Total Avoided Costs						9,070,000
Fair Value of Assembled Workforce (Rounded)						\$ 9,070,000

# Footnotes

<sup>(1)</sup> Based on information provided by Management.

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# FTX Trading Ltd.

ASC 805 Purchase Price Allocation of Digital Assets DA AG Contingent Consideration As of November 14, 2021

Fair Value of Contingent Consideration

Schedule 15 (\$US in Thousands)

				-	Milestone 1 (2)	CONTRACTOR					P	roject	ed Pa	yments(4	)					
State of the second	Seller 1	Seller 2	Seller 3	Total	Probability of Achievement	Probability of Achievement	Dec-22	Jan-23	May-	23	Nov-23	May	-24	Nov-24	May-2	.5	Nov-25	May-2	6 I	Nov-26
Cash component	\$ 41,667	\$ 41,667	\$ 83,333	\$ 166,667	95%	95%														
Bonus component	\$ 33,333	\$ -0	\$ 590	\$ 33,333	95%	95%		30,083												
(1) Stock component	\$ 8,333	\$ 41,667	\$ 150	\$ 50,000	95%	95%		45,125												
Extra bonus component	\$ 5,000	\$ 5,000	\$ •	\$ 10,000	95%	95%	\$ 9,025													
<i></i>	\$ 88,333	\$ 88,333	\$ 83,333	\$ 260,000			\$ 9,025	\$ 75,208	\$ -	\$		\$	. \$		\$ -	\$		\$ -	\$	
(3) Discount rate							0.77%	0.78%	0.8	2%	0.99%	1.	09%	1.30%	1.41	%	1.61%	1.70	%	1.87%
Present value factor							0.99	0.99	0.	99	0.98	0	.97	0.96	0.95	5	0.94	0.93	3	0.91
Present value of cash flows							\$8,950	\$ 74,530	\$ -	\$		\$	. \$	-	\$ -	\$	•	\$ -	\$	*

### Footnotes

This schedule has been prepared on the basis of the information and assumptions set forth in our report and the attached schedules. It must be read in conjunction with the accompanying report and all the other exhibits included herein. Some totals may not add due to rounding.

- (1) Based on most recent round of FTX financing at \$36.41 per share as provided by Management.
- (2) Based on discussions with Management and a review of the Share Purchase Agreement dated November 14, 2021.
- (3) Based on financial services composite BBB yield curve as of the Valuation Date.
- (4) Timing of payments based on discussions with Management and review of the Share Purchase Agreement dated November 14, 2021.

\$ 83,479

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FTX Trading Ltd.

ASC 805 Purchase Price Allocation of Digital Assets DA AG Guideline Transactions - Operating Licenses As of November 14, 2021 Appendix 1 (\$US in Thousands)

Description of the Exchange Registration License (1)  Target Company  Acquirer  Description of the Exchange Registration License (1)  The exchange and clearing registrations represent licenses that provide OMX with the ability to operate its equity and derivative exchanges as well as the clearing function. Nasdaq views these intangible assets as a perpetual license to operate the exchanges so long as OMX meets its regulatory requirements  National securities exchange registrations has been estimated since the registrations represent rights to operate exchanges in perpetuity based on the long history of the NYSE Euronext exchanges acquired and the expectation that a market participant would continue to operate them indefinitely.  The exchange registrations represent licenses that provide ISE with the ability to operate its option exchanges. Nasdaq views these intangible assets as a perpetual license to operate the exchanges so long as ISE meets its regulatory		Target's EBITDA - US\$ million \$ 188.02 1,254.00	1.92 x 1.51 x	Fair value to Target's EBITDA 6.08 x
that provide OMX with the ability to operate its equity and derivative exchanges as well as the clearing function. Nasdaq views these intangible assets as a perpetual license to operate the exchanges so long as OMX meets its regulatory requirements  New York Stock Exchange  Intercontinental Exchange Holdings, Inc.  Intercontinental Exchanges Solong as OMX meets its equity of exchanges to operate exchanges of the exchanges of the Provide Internations represent rights to operate exchanges of the Provide International Securities Exchanges Holdings, Inc.  Intercontinental Exchange Holdings, Inc.  Intercontinental Exchange Holdings, Inc.  Intercontinental Exchanges Solong as OMX meets its equity in the Authority of the NYSE Euronex to operate the exchanges of the Provide International Securities exchanges as a perpetual l	4,552.00	1,254.00	1.51 x	5.49 x
New York Stock Exchange Holdings, Inc.  Intercontinental Exchange Holdings, Inc.  Intercontinental Exchange Holdings, Inc.  Intercontinental Exchange in perpetuity based on the long history of the NYSE Euronext exchanges acquired and the expectation that a market participant would continue to operate them indefinitely.  The exchange registrations represent licenses that provide ISE with the ability to operate its option exchanges. Nasdaq views these intangible assets as a perpetual license to operate the exchanges so long as ISE meets its regulatory  467.00		30.4		
with the ability to operate its option exchanges. Nasdaq  Nasdaq, Inc.  with the ability to operate its option exchanges. Nasdaq  views these intangible assets as a perpetual license to  Exchange, LLC  operate the exchanges so long as ISE meets its regulatory	141.80	NΔ	2.02	
requirements		1958	3.29 x	NA
that allows it to operate	1,778.70	223.80	0.47 x	3.76 x
Target operates securities exchanges. Licenses were valued at \$87.6 CHF.	334.64	\$ 199.69	0.24 x	0.41 x
Maximum			3.29 x	6.08 x
hird Quartile			1.92 x	5.64 x
verage			1.49 x	3.94 x
edian			1.51 x	4.63 x
irst Quartile			0.47 x 0.24 x	2.92 x 0.41 x
Aultiple Implied by Operating License Valuation			0.74 x	1.47 x

## Footnotes

<sup>(1)</sup> Based on publicly available information (10Ks and 10Qs) of license acquirers.

<sup>(2)</sup> Given the young stage of maturity of the target, implied multiples based on normalized revenue and EBITDA levels in 2025.

ASC 805 Purchase Price Allocation of Digital Assets DA AG Venture Capital Rates of Return As of November 14, 2021 Appendix 2

			Scherlis and Sal	nlman, Stevenson,	
Development Stage	Plummer (1)		Sahlman (2)	and Bhide (3)	Bygrave (4)
Start-Up	50% to 70%		50% to 70%	50% to 100%	60% to 80%
First or Early Development	40% to 60%		40% to 60%	40% to 60%	40%
Second or Expansion	35% to 50%		30% to 50%	30% to 40%	30%
Bridge/IPO	25% to 35%		20% to 35%	20% to 30%	25%
Selected Range	30.0%	to	40.0%		
Selected Cost of Capital	37.5%				

### Footnotes

- (1) Plummer, James L., QED Report on Venture Capital Financial Analysis, Palo Alto: QED Research, Inc., 1987.
- (2) Scherlis, Daniel R. and Sahlman, William A., "A Method for Valuing High-Risk, Long Term, Investments: the Venture Capital Method," Harvard Business School Teaching Note 9-288-006, Boston: Harvard Business School Publishing, 1989.
- (3) William A. Sahlman, Howard H. Stevenson, Amar V. Bhide, et al., "Financing Entrepreneurial Ventures," Business Fundamental Series (Boston: Harvard Business School Publishing, 1998).
- (4) Babson College, William D. Bygrave, June 1997, "Classic Venture Capital in the Next Millennium".

ASC 805 Purchase Price Allocation of Digital Assets DA AG Guideline Public Companies - Descriptions As of November 14, 2021 Appendix 3 Page 1 of 3

#### ADVFN Plc (AIM: AFN)

#### Primary Industry: Financial Exchanges and Data

ADVFN Plc, together with subsidiaries, develops and provides financial information primarily through the Internet and research services. The company offers stock, crypto, forex, and commodity market information to the private investors in the United Kingdom, the United States, Brazil, Italy, and other international retail markets. It also develops and explores ancillary Internet sites; and operates an Internet dating Website, and financial information Website, as well as provides office services, and brokerage and software development services. ADVFN Plc was incorporated in 1989 and is based in Ongar, the United Kingdom.

#### Robinhood Markets, Inc. (NasdagGS:HOOD)

#### Primary Industry: Investment Banking and Brokerage

Robinhood Markets, Inc. operates financial services platform in the United States. Its platform allows users to invest in stocks, exchange-traded funds (ETFs), options, gold, and cryptocurrencies. The company also offers various learning and education solutions comprise Snacks, a digest of business news stories; Learn, which is a collection of approximately articles, including guides, feature tutorials, and financial dictionary; Newsfeeds that offer access to free premium news from various sites, such as Barron's, Reuters, and The Wall Street Journal; lists and alerts, which allow users to create custom watchlists and alerts to monitor securities, ETFs, and cryptocurrencies, as well as cash management services; and offers First trade recommendations to all new customers who have yet to place a trade. Robinhood Markets, Inc. was incorporated in 2013 and is headquartered in Menlo Park, California.

#### Coinbase Global, Inc. (NasdagGS:COIN)

#### Primary Industry: Financial Exchanges and Data

Coinbase Global, Inc. provides financial infrastructure and technology for the cryptoeconomy in the United States and internationally. The company offers the primary financial account in the cryptoeconomy for retailers; a marketplace with a pool of liquidity for transacting in crypto assets for institutions; and technology and services that enable ecosystem partners to build crypto-based applications and securely accept crypto assets as payment. Coinbase Global, Inc. was founded in 2012 and is based in Wilmington, Delaware.

#### Vovager Digital Ltd. (TSX:VOYG)

#### Primary Industry: Application Software

Voyager Digital Ltd., through its subsidiaries, operates as a crypto asset brokerage firm primarily in the United States and Canada. It operates a digital platform that enables users to buy and sell crypto assets across multiple centralized marketplaces in one account. The company was formerly known as Voyager Digital (Canada) Ltd. and changed its name to Voyager Digital Ltd. in July 2020. The company was founded in 2018 and is headquartered in New York, New York.

#### The Charles Schwab Corporation (NYSE:SCHW)

### Primary Industry: Investment Banking and Brokerage

The Charles Schwab Corporation, together with its subsidiaries, provides wealth management, securities brokerage, banking, asset management, custody, and financial advisory services. The company operates in two segments, Investor Services and Advisor Services. The Investor Services segment provides retail brokerage, investment advisory, banking and trust, retirement plan, and other corporate brokerage services; equity compensation plan sponsors full-service recordkeeping for stock plans, stock options, restricted stock, performance shares, and stock appreciation rights; and retail investor and mutual fund clearing services, as well as compliance solutions. The Advisor Services segment offers custodial, trading, banking, and support services; and retirement business and corporate brokerage retirement services. This segment provides brokerage accounts with equity and fixed income, margin lending, options, and futures and forex trading; cash management capabilities comprising third-party certificates of deposit; third-party and proprietary mutual fund trading and clearing services; and exchange-traded funds (ETFs), including proprietary and third-party ETFs. It also offers advice solutions, such as managed portfolios of proprietary and third-party mutual funds and ETFs, separately managed accounts, customized personal advice for tailored portfolios, and specialized planning and portfolio management. In addition, this segment provides banking products and services, including checking and savings accounts, first lien residential real estate mortgage loans, home equity lines of credit, and pledged asset lines; and trust services comprising trust custody services, personal trust reporting services, and administrative trustee services. As of December 31, 2021, the Company had approximately 400 domestic branch offices in 48 states and the District of Columbia, as well as locations in Puerto Rico, the United Kingdom, Hong Kong, and Singapore. The Charles Schwab Corporation was incorporated in 1971 and is headquartered in

#### Footnotes

This schedule has been prepared on the basis of the information and assumptions set forth in our report and the attached schedules. It must be read in conjunction with the accompanying report and all the other exhibits included herein. Some totals may not add due to rounding.

Source: S&P Capital IQ.

ASC 805 Purchase Price Allocation of Digital Assets DA AG Guideline Public Companies - Descriptions As of November 14, 2021 Appendix 3 Page 2 of 3

#### E\*TRADE Financial, LLC (CBOE:ETFC)

#### Primary Industry: Investment Banking and Brokerage

As of January 1, 2021, E\*TRADE Financial, LLC was acquired by E\*Trade Financial Holdings, LLC. E\*TRADE Financial, LLC, a financial services company, provides brokerage, and related products and services for traders, investors, registered investment advisors (RIAs), and stock plan administrators and participants. It offers investor-focused banking products, including sweep deposit accounts; automated trade order placement and execution services; clearing and settlement services; and insurance on qualifying amounts of customer deposits, and other banking and cash management services. The company also provides custody solutions to RIAs; software and services for managing equity compensation plans, student loans, and financial wellness solutions to corporate clients; retail futures transaction services; and investment advisory services. It provides its services through digital platforms; and a network of industry-licensed customer service representatives and financial consultants through phone, email, and online at two national financial centers, as well as in-person at 30 regional financial centers in the United States. The company was founded in 1982 and is headquartered in Arlington, Virginia.

#### Interactive Brokers Group, Inc. (NasdagGS:IBKR)

#### Primary Industry: Investment Banking and Brokerage

Interactive Brokers Group, Inc. operates as an automated electronic broker worldwide. The company specializes in executing, clearing, and settling trades in stocks, options, futures, foreign exchange instruments, bonds, mutual funds, exchange traded funds (ETFs), metals, and cryptocurrencies. It also custodies and services accounts for hedge and mutual funds, ETFs, registered investment advisors, proprietary trading groups, introducing brokers, and individual investors. In addition, it offers custody, prime brokerage, securities, and margin lending services. The company serves institutional and individual customers through approximately 150 electronic exchanges and market centers. Interactive Brokers Group, Inc. was founded in 1977 and is headquartered in Greenwich, Connecticut.

#### Nasdag, Inc. (NasdagGS:NDAO)

### Primary Industry: Financial Exchanges and Data

Nasdaq, Inc. operates as a technology company that serves capital markets and other industries worldwide. The Market Technology segment includes anti financial crime technology business, which offers Nasdaq Trade Surveillance, a SaaS solution for brokers and other market participants to assist them in complying with market rules, regulations, and internal market surveillance policies; Nasdaq Automated Investigator, a cloud-deployed anti-money laundering tool; and Verafin, a SaaS technology provider of anti-financial crime management solutions. This segment also handles assets, such as cash equities, equity derivatives, currencies, interest-bearing securities, commodities, and digital currencies. The Investment Intelligence segment sells and distributes historical and real-time market data; develops and licenses Nasdaq-branded indexes and financial products; and provides investment insights and workflow solutions. The Corporate Platforms segment operates listing platforms; and offers investor relations intelligence and governance solutions. As of December 31, 2021, it had 4,178 companies listed securities on The Nasdaq Stock Market, including 1,632 listings on The Nasdaq Global Select Market; 1,169 on The Nasdaq Global Market; and 1,377 on The Nasdaq Capital Market. The Market Services segment includes equity derivative trading and clearing, cash equity trading, fixed income and commodities trading and clearing, and trade management service businesses. This segment operates various exchanges and other marketplace facilities across various asset classes, which include derivatives, commodities, cash equity, debt, structured products, and exchange traded products; and provides broker, clearing, settlement, and central depository services. The company was formerly known as The NASDAQ OMX Group, Inc. and changed its name to Nasdaq, Inc. in September 2015. Nasdaq Inc. was founded in 1971 and is headquartered in New York, New York.

#### Euronext N.V. (OTCBB:EUXTF)

### Primary Industry: Financial Exchanges and Data

Euronext N.V., together with its subsidiaries, operates securities and derivatives exchanges in Continental Europe, Ireland, and Norway. The company offers a range of exchange and corporate services, including security listings, cash and derivatives trading, and market data dissemination. It also provides listing venues and cash equities trading venues; and various marketplaces, including multilateral trading facilities for investors, broker-dealers, and other market participants to meet directly to buy and sell cash equities, fixed income securities, and exchange traded products. In addition, the company offers options contracts based on the blue-chip equities listed on Euronext; commodity derivatives, such as milling wheat futures contracts; and post-trade services, as well as distributes and sells real-time, historic, and reference data to data vendors, and financial institutions and individual investors. Further, it provides equity, debt, fund and ETF listing, corporate and investor, cash trading, foreign exchange trading, derivatives trading, fixed income trading, and power trading services. Additionally, the company offers technology solutions and services to exchanges, venue operators, and financial institutions; connectivity, colocation, and network and proximity services; data analytics, risk management, order management system, broker workstations, algorithmic trading validation, and regulatory reporting services; and hosting services to financial firms and third-party venue operators. The company was formerly known as Euronext Group N.V. and changed its name to Euronext N.V. in May 2014. Euronext N.V. was founded in 2000 and is headquartered in Amsterdam, the Netherlands.

#### Intercontinental Exchange, Inc. (NYSE:ICE)

### Primary Industry: Financial Exchanges and Data

Intercontinental Exchange, Inc., together with its subsidiaries, operates regulated exchanges, clearing houses, and listings venues for commodity, financial, fixed income, and equity markets in the United States, the United Kingdom, the European Union, Singapore, Israel, and Canada. It operates through three segments: Exchanges, Fixed Income and Data Services, and Mortgage Technology. The company operates marketplaces for listing, trading, and clearing an array of derivatives contracts and financial securities, such as commodities, interest rates, foreign exchange, and equities, as well as corporate and exchange-traded funds; trading venues, including 13 regulated exchanges and 6 clearing houses; and offers futures and options products for energy, agricultural and metals, financial, cash equities and equity, over-the-counter, and other markets, as well as listings and data and connectivity services. It also provides fixed income data and analytic, fixed income execution, CDS clearing, and other multi-asset class data and network services. In addition, the company offers proprietary and comprehensive mortgage origination platform, which serves residential mortgage loans; closing solutions that provides customers connectivity to the mortgage supply chain and facilitates the secure exchange of information; data and analytics services; and Data as a Service for lenders to access data and origination information. Intercontinental Exchange, Inc. was founded in 2000 and is headquartered in Atlanta, Georgia.

#### Footnotes

This schedule has been prepared on the basis of the information and assumptions set forth in our report and the attached schedules. It must be read in conjunction with the accompanying report and all the other exhibits included herein. Some totals may not add due to rounding.

Source: S&P Capital IQ.

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FTX Trading Ltd.

ASC 805 Purchase Price Allocation of Digital Assets DA AG Guideline Public Companies - Descriptions As of November 14, 2021 Appendix 3 Page 3 of 3

#### Hong Kong Exchanges and Clearing Limited (OTCBB: HKXCF)

Primary Industry: Financial Exchanges and Data

Hong Kong Exchanges and Clearing Limited, together with its subsidiaries, owns and operates stock exchanges and futures exchanges, and related clearing houses in Hong Kong, Mainland China, and the United Kingdom. It operates through five segments: Cash, Equity and Financial Derivatives, Commodities, Post Trade, and Technology. The Cash segment covers various equity products traded on the cash market platforms of the Stock Exchange of Hong Kong Limited, the Shanghai Stock Exchange, and the Shenzhen Stock Exchange; sale of market data relating to the products; and other related activities. The Equity and Financial Derivatives segment provides and maintains trading platforms for a range of equity and financial derivative products, such as stock and equity index futures and options, derivative warrants, and callable bull/bear contracts and warrants, as well as sells related market data. The Commodities segment operates an exchange for the trading of base, ferrous, and precious metals futures and options contracts in the United Kingdom; and operates Qianhai Mercantile Exchange Co., Ltd., a commodity trading platform in the Mainland. This segment also covers commodities contracts traded on Futures Exchange. The Post Trade segment operates clearing houses that are responsible for clearing, settlement, depository, custodian, and nominee services. The Technology segment offers various services that provide users with access to the platform and infrastructure. The company serves issuers and investors. Hong Kong Exchanges and Clearing Limited is based in Central, Hong Kong.

#### Footnotes

This schedule has been prepared on the basis of the information and assumptions set forth in our report and the attached schedules. It must be read in conjunction with the accompanying report and all the other exhibits included herein. Some totals may not add due to rounding.

Source: S&P Capital IQ.

ASC 805 Purchase Price Allocation of Digital Assets DA AG Guideline Public Company Metrics As of November 14, 2021 Appendix 4 (\$US in Thousands)

TTM Revenues		TTM EBITDA Margin		NFY Proj. EBITDA Margin		NFY + 1 Proj. EBITDA Margin	
The Charles Schwab Corporation	17,988,000	Hong Kong Exchanges and Clearing Limited	75.5%	Hong Kong Exchanges and Clearing Limited	77.9%	Digital Assets DA AG	83.0%
Intercontinental Exchange, Inc.	6,977,000	Interactive Brokers Group, Inc.	69.6%	Digital Assets DA AG	64.3%	Hong Kong Exchanges and Clearing Limited	79.1%
Coinbase Global, Inc.	5,924,610	Intercontinental Exchange, Inc.	60.7%	Intercontinental Exchange, Inc.	63.6%	Intercontinental Exchange, Inc.	64.5%
Nasdag, Inc.	5,881,000	Euronext N.V.	55.4%	Euronext N.V.	59.8%	Euronext N.V.	61.7%
E*TRADE Financial, LLC	2,895,000	Coinbase Global, Inc.	55.0%	Nasdaq, Inc.	55.6%	Nasdaq, Inc.	54.9%
Interactive Brokers Group, Inc.	2,737,000	The Charles Schwab Corporation	49.8%	The Charles Schwab Corporation	52.5%	The Charles Schwab Corporation	54.3%
Hong Kong Exchanges and Clearing Limited	2,712,049	E*TRADE Financial, LLC	45.2%	Coinbase Global, Inc.	51.2%	Coinbase Global, Inc.	43.6%
Robinhood Markets, Inc.	1,769,972	Nasdag, Inc.	31.1%	Voyager Digital Ltd.	33.6%	Voyager Digital Ltd.	39.0%
Euronext N.V.	1,391,962	ADVFN Plc	17.8%	Robinhood Markets, Inc.	2.6%	Robinhood Markets, Inc.	13.1%
Voyager Digital Ltd.	254,562	Voyager Digital Ltd.	-2.7%	Interactive Brokers Group, Inc.	0.0%	Interactive Brokers Group, Inc.	0.0%
ADVFN Plc	12,629	Robinhood Markets, Inc.	-67.3%	13.50		= 500 000000000000000000000000000000000	
Digital Assets DA AG	_						
Guideline Public Company Average	4,413,071		35.5%		44.1%		45.6%
Guideline Public Company Median	2,737,000		49.8%		52.5%		54.3
Guideline Public Company Median  Total Assets	2,737,000	Debt Free NWC as % of Revenue (Excld.	0.000	Depreciation as a % of Revenues	52.5%	Capex as % of TTM Sales	54.3%
	2,737,000	Debt Free NWC as % of Revenue (Excld.	0.000	Depreciation as a % of Revenues Intercontinental Exchange, Inc.	11.8%	Capex as % of TTM Sales Hong Kong Exchanges and Clearing Limited	
Total Assets			. Cash)				6.4%
Total Assets The Charles Schwab Corporation	607,548,000	Intercontinental Exchange, Inc.	. Cash) 12.3%	Intercontinental Exchange, Inc.	11.8%	Hong Kong Exchanges and Clearing Limited	6.4% 5.0%
Total Assets The Charles Schwab Corporation Euronext N.V.	607,548,000 177,482,151	Intercontinental Exchange, Inc. Coinbase Global, Inc.	. Cash) 12.3% 5.3%	Intercontinental Exchange, Inc. The Charles Schwab Corporation	11.8% 6.3%	Hong Kong Exchanges and Clearing Limited E*TRADE Financial, LLC	6.4% 5.0% 4.3%
Total Assets The Charles Schwab Corporation Euronext N.V. Intercontinental Exchange, Inc.	607,548,000 177,482,151 150,662,000	Intercontinental Exchange, Inc. Coinbase Global, Inc. Voyager Digital Ltd.	. Cash) 12.3% 5.3% 3.5%	Intercontinental Exchange, Inc. The Charles Schwab Corporation Euronext N.V.	11.8% 6.3% 6.1%	Hong Kong Exchanges and Clearing Limited E*TRADE Financial, LLC The Charles Schwab Corporation	6.4% 5.0% 4.3% 3.0%
Total Assets The Charles Schwab Corporation Euronext N.V. Intercontinental Exchange, Inc. Interactive Brokers Group, Inc.	607,548,000 177,482,151 150,662,000 106,282,000	Intercontinental Exchange, Inc. Coinbase Global, Inc. Voyager Digital Ltd. Nasdaq, Inc.	. Cash) 12.3% 5.3% 3.5% 0.5%	Intercontinental Exchange, Inc. The Charles Schwab Corporation Euronext N.V. Nasdaq, Inc.	11.8% 6.3% 6.1% 4.3%	Hong Kong Exchanges and Clearing Limited E*TRADE Financial, LLC The Charles Schwab Corporation Intercontinental Exchange, Inc.	6.4% 5.0% 4.3% 3.0% 3.0%
Total Assets The Charles Schwab Corporation Euronext N.V. Intercontinental Exchange, Inc. Interactive Brokers Group, Inc. E*TRADE Financial, LLC	607,548,000 177,482,151 150,662,000 106,282,000 70,371,000	Intercontinental Exchange, Inc. Coinbase Global, Inc. Voyager Digital Ltd. Nasdaq, Inc. Euronext N.V.	. Cash) 12.3% 5.3% 3.5% 0.5% -8.7%	Intercontinental Exchange, Inc. The Charles Schwab Corporation Euronext N.V. Nasdaq, Inc. E*TRADE Financial, LLC	11.8% 6.3% 6.1% 4.3% 3.7%	Hong Kong Exchanges and Clearing Limited E*TRADE Financial, LLC The Charles Schwab Corporation Intercontinental Exchange, Inc. Robinhood Markets, Inc.	6.4% 5.0% 4.3% 3.0% 3.0% 2.9%
Total Assets The Charles Schwab Corporation Euronext N.V. Intercontinental Exchange, Inc. Interactive Brokers Group, Inc. E*TRADE Financial, LLC Hong Kong Exchanges and Clearing Limited	607,548,000 177,482,151 150,662,000 106,282,000 70,371,000 56,399,108	Intercontinental Exchange, Inc. Coinbase Global, Inc. Voyager Digital Ltd. Nasdaq, Inc. Euronext N.V. ADVFN Plc	. Cash) 12.3% 5.3% 3.5% 0.5% -8.7% -12.6%	Intercontinental Exchange, Inc. The Charles Schwab Corporation Euronext N.V. Nasdaq, Inc. E'TRADE Financial, LLC Hong Kong Exchanges and Clearing Limited	11.8% 6.3% 6.1% 4.3% 3.7% 3.3%	Hong Kong Exchanges and Clearing Limited E*TRADE Financial, LLC The Charles Schwab Corporation Intercontinental Exchange, Inc. Robinhood Markets, Inc. Nasdaq, Inc.	6.4% 5.0% 4.3% 3.0% 3.0% 2.9% 2.6%
Total Assets The Charles Schwab Corporation Euronext N.V. Intercontinental Exchange, Inc. Interactive Brokers Group, Inc. E*TRADE Financial, LLC Hong Kong Exchanges and Clearing Limited Robinhood Markets, Inc.	607,548,000 177,482,151 150,662,000 106,282,000 70,371,000 56,399,108 19,317,368	Intercontinental Exchange, Inc. Coinbase Global, Inc. Voyager Digital Ltd. Nasdaq, Inc. Euronext N.V. ADYFN Plc Robinhood Markets, Inc.	. Cash) 12.3% 5.3% 3.5% 0.5% -8.7% -12.6% -113.6%	Intercontinental Exchange, Inc. The Charles Schwab Corporation Euronext N.V. Nasdaq, Inc. E*TRADE Financial, LLC Hong Kong Exchanges and Clearing Limited Interactive Brokers Group, Inc.	11.8% 6.3% 6.1% 4.3% 3.7% 3.3% 2.6%	Hong Kong Exchanges and Clearing Limited E*TRADE Financial, LLC The Charles Schwab Corporation Intercontinental Exchange, Inc. Robinhood Markets, Inc. Nasdaq, Inc. Interactive Brokers Group, Inc.	6.4% 5.0% 4.3% 3.0% 2.9% 2.6% 1.8%
Total Assets The Charles Schwab Corporation Euronext N.V. Intercontinental Exchange, Inc. Interactive Brokers Group, Inc. E*TRADE Financial, LLC Hong Kong Exchanges and Clearing Limited Robinhood Markets, Inc. Coinbase Global, Inc.	607,548,000 177,482,151 150,662,000 106,282,000 70,371,000 56,399,108 19,317,368 18,454,271	Intercontinental Exchange, Inc. Coinbase Global, Inc. Voyager Digital Ltd. Nasdaq, Inc. Euronext N.V. ADVFN Plc Robinhood Markets, Inc. E*TRADE Financial, LLC	12.3% 5.3% 3.5% 0.5% -8.7% -12.6% -113.6%	Intercontinental Exchange, Inc. The Charles Schwab Corporation Euronext N.V. Nasdaq, Inc. E*TRADE Financial, LLC Hong Kong Exchanges and Clearing Limited Interactive Brokers Group, Inc. ADVFN Plc	11.8% 6.3% 6.1% 4.3% 3.7% 3.3% 2.6% 2.0%	Hong Kong Exchanges and Clearing Limited E*TRADE Financial, LLC The Charles Schwab Corporation Intercontinental Exchange, Inc. Robinhood Markets, Inc. Nasdaq, Inc. Interactive Brokers Group, Inc. Euronext N.V.	6.4% 5.0% 4.3% 3.0% 2.9% 2.6% 1.8% 0.6%
Total Assets The Charles Schwab Corporation Euronext N.V. Intercontinental Exchange, Inc. Interactive Brokers Group, Inc. E*TRADE Financial, LLC Hong Kong Exchanges and Clearing Limited Robinhood Markets, Inc. Coinbase Global, Inc. Nasdaq, Inc.	607,548,000 177,482,151 150,662,000 106,282,000 70,371,000 56,399,108 19,317,368 18,454,271 18,397,000	Intercontinental Exchange, Inc. Coinbase Global, Inc. Voyager Digital Ltd. Nasdaq, Inc. Euronext N.V. ADYFN Plc Robinhood Markets, Inc. E*TRADE Financial, LLC Interactive Brokers Group, Inc.	. Cash) 12.3% 5.3% 3.5% 0.5% -8.7% -12.6% -113.6% -118.3%	Intercontinental Exchange, Inc. The Charles Schwab Corporation Euronext N.V. Nasdaq, Inc. E*TRADE Financial, LLC Hong Kong Exchanges and Clearing Limited Interactive Brokers Group, Inc. ADVFN Plc Coinbase Global, Inc.	11.8% 6.3% 6.1% 4.3% 3.7% 3.3% 2.6% 2.0% 0.8%	Hong Kong Exchanges and Clearing Limited E*TRADE Financial, LLC The Charles Schwab Corporation Intercontinental Exchange, Inc. Robinhood Markets, Inc. Nasdaq, Inc. Interactive Brokers Group, Inc. Euronext N.V. ADVFN Plc	6.4% 5.0% 4.3% 3.0% 2.9% 2.6% 1.8% 0.6%
Total Assets The Charles Schwab Corporation Euronext N.V. Intercontinental Exchange, Inc. Interactive Brokers Group, Inc. E*TRADE Financial, LLC Hong Kong Exchanges and Clearing Limited Robinhood Markets, Inc. Coinbase Global, Inc. Nasdaq, Inc. Voyager Digital Ltd.	607,548,000 177,482,151 150,662,000 106,282,000 70,371,000 56,399,108 19,317,368 18,454,271 18,397,000 4,656,293	Intercontinental Exchange, Inc. Coinbase Global, Inc. Voyager Digital Ltd. Nasdaq, Inc. Euronext N.V. ADVFN Plc Robinhood Markets, Inc. E*TRADE Financial, LLC Interactive Brokers Group, Inc. Hong Kong Exchanges and Clearing Limited	. Cash) 12.3% 5.3% 3.5% 0.5% -8.7% -12.6% -113.6% -1316.0% -1018.3% -1670.1%	Intercontinental Exchange, Inc. The Charles Schwab Corporation Euronext N.V. Nasdaq, Inc. E'TRADE Financial, LLC Hong Kong Exchanges and Clearing Limited Interactive Brokers Group, Inc. ADVFN Plc Coinbase Global, Inc. Robinhood Markets, Inc.	11.8% 6.3% 6.1% 4.3% 3.7% 3.3% 2.6% 2.0% 0.8% 0.7%	Hong Kong Exchanges and Clearing Limited E*TRADE Financial, LLC The Charles Schwab Corporation Intercontinental Exchange, Inc. Robinhood Markets, Inc. Nasdaq, Inc. Interactive Brokers Group, Inc. Euronext N.V. ADYFN Ptc Coinbase Global, Inc.	54.3% 6.4% 5.0% 4.3% 3.0% 2.9% 2.6% 0.1% 0.0%

### Footnotes

